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Date 9/14/10

LOGGED BY Larry Myers

COUNTY Livingston DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 053-0157 (Exist.) Station 48+96.77

BORING NO. 1 (S.W. Quad.) Station 49+65 Offset 7.5 ft LT. Ground Surface Elev. 618.18

DEPTH (ft)	SOIL DESCRIPTION	UCS (tsf)	Failure Mode	SPT (N)	DEPTH (ft)	SOIL DESCRIPTION	UCS (tsf)	Failure Mode	SPT (N)
0	Augered Bituminous Pavement, Black, Gray & Green Silty Clay Fill				10	Hard Gray Silty Clay Loam Till (continued)			
2					12		9.6	S	11
3					16				
615.68					8				
2	Stiff Black & Gray Silty Clay Fill				11		6.6	S	11
3					14				
-5					-25				
2					6				
1					9		8.5	S	11
2					12				
609.18					7				
2	Stiff Black to Dark Gray Silty Clay				10		8.1	S	11
3					13				
-10					-30				
2					6				
3					8		8.1	S	12
2					12		9.7	S	13
3					16				
603.18					-35				
3	Hard Gray and Brown Silty Clay with Layers of Silt				8				
5					11		8.1	S	14
7					15				
10					580.68				
10					9				
12					18		>4.5	P	14
598.68					27				
-20	Hard Gray Silty Clay Loam Till				578.68				
					-40				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
BBS, form 137 (Rev. 8-99)

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1004	Dense Gray Shale with Limestone Fingers (continued)				8				
577.18									
Auger Refusal @ 41'									
End of Boring									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
BBS, form 137 (Rev. 8-99)